

AMENDMENTS TO CLAIMS

Claims 1 and 2 (Canceled).

Claim 3 (Currently Amended): A method for coating a surface of a swimming pool comprising the steps of

- (a) applying to the surface a cement plaster slurry composition comprising
 - (i) from about 20% to about 50% by weight of a Portland cement;
 - (ii) from about 50% to about 80% by weight of aggregate; and,
 - (iii) the balance water; and,
- (b) allowing the slurry composition to dry; and,
- (c) polishing the dry slurry composition with a rotating ~~water-cooled~~ polishing head embedded with hard particles such that a smooth surface is formed in which aggregate particles are ~~polished~~. polished, said polishing head cooled by water directed under pressure through said polishing head and intermediate said polishing head and said slurry composition.

Claim 4 (New): A method for coating a surface of a swimming pool comprising the steps of

- (a) applying to the surface a cement plaster slurry composition comprising
 - (i) from about 20% to about 50% by weight of a Portland cement,
 - (ii) from about 50% to about 80% by weight of aggregate,
 - (iii) from about 1% to about 5% by weight of a silica filler,

- 1 (iv) from about 0.25% to 5% by weight of a liquid bonding agent,
2 (v) from about .025% to 5% by weight of plastic fibers, and,
3 (vi) the balance water;
4 (b) allowing the slurry composition to dry; and,
5 (c) polishing, before the swimming pool is filled with water, the dry slurry composition
6 with a rotating water cooled polishing head embedded with hard particles such that
7 a smooth surface is formed in which aggregate particles are polished.
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10 Claim 5 (New): A method for coating a surface of a swimming pool comprising the
11 steps of
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- 13 (a) applying to the surface a cement plaster slurry composition comprising
14 (i) from about 20% to about 50% by weight of a Portland cement;
15 (ii) from about 50% to about 80% by weight of aggregate; and,
16 (iii) the balance water; and,
17 (b) allowing the slurry composition to dry; and,
18 (c) polishing the dry slurry composition with a rotating ~~water-cooled~~ polishing head
19 embedded with hard particles such that a smooth surface is formed in which
20 aggregate particles are polished flush with said smooth surface, said polishing head
21 cooled by water directed under pressure through said polishing head and
22 intermediate said polishing head and said slurry composition.
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25 Claim 6 (New): The method of Claim 3 wherein said polishing head includes radially
26 extending grooves and water flows radially outwardly through said grooves during polishing
27 the dry slurry composition in step (c).
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1 Claim 7 (New): The method of Claim 4 wherein said polishing head includes radially
2 extending grooves and water flows radially outwardly through said grooves during polishing
3 the dry slurry composition in step (c).
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6 Claim 8 (New): The method of Claim 5 wherein said polishing head includes radially
7 extending grooves and water flows radially outwardly through said grooves during polishing
8 the dry slurry composition in step (c).
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10 Claim 9 (New): The method of Claim 3 wherein said hard particles in said polishing head
11 are embedded in rubber or metal to polish aggregate particles flush with said smooth
12 surface while polishing the dry slurry composition in step (c).
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15 Claim 10 (New): The method of Claim 4 wherein said hard particles in said polishing head
16 are embedded in rubber or metal to polish aggregate particles flush with said smooth
17 surface while polishing the dry slurry composition in step (c).
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19 Claim 11 (New): The method of Claim 5 wherein said hard particles in said polishing head
20 are embedded in rubber or metal to polish aggregate particles flush with said smooth
21 surface while polishing the dry slurry composition in step (c).
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24 Claim 12 (New): The method of Claim 3 wherein said cement plaster slurry composition
25 includes from about 0.25% to 5% by weight of a liquid bonding agent to strengthen said
26 dry slurry composition for polishing during step (c).
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1 Claim 13 (New): The method of Claim 3 wherein said cement plaster slurry composition
2 includes from about 0.25% to 5% by weight of plastic fibers to strengthen said dry slurry
3 composition for polishing during step (c).
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6 Claim 14 (New): The method of Claim 3 wherein said cement plaster slurry composition
7 includes from about 1% to 5% by weight of a silica filler to strengthen said dry slurry
8 composition for polishing during step (c).
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